

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140444.D
 Acq On : 18 Nov 2024 10:39
 Operator : RC/JU
 Sample : PB165029BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165029BL

Quant Time: Nov 18 11:37:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

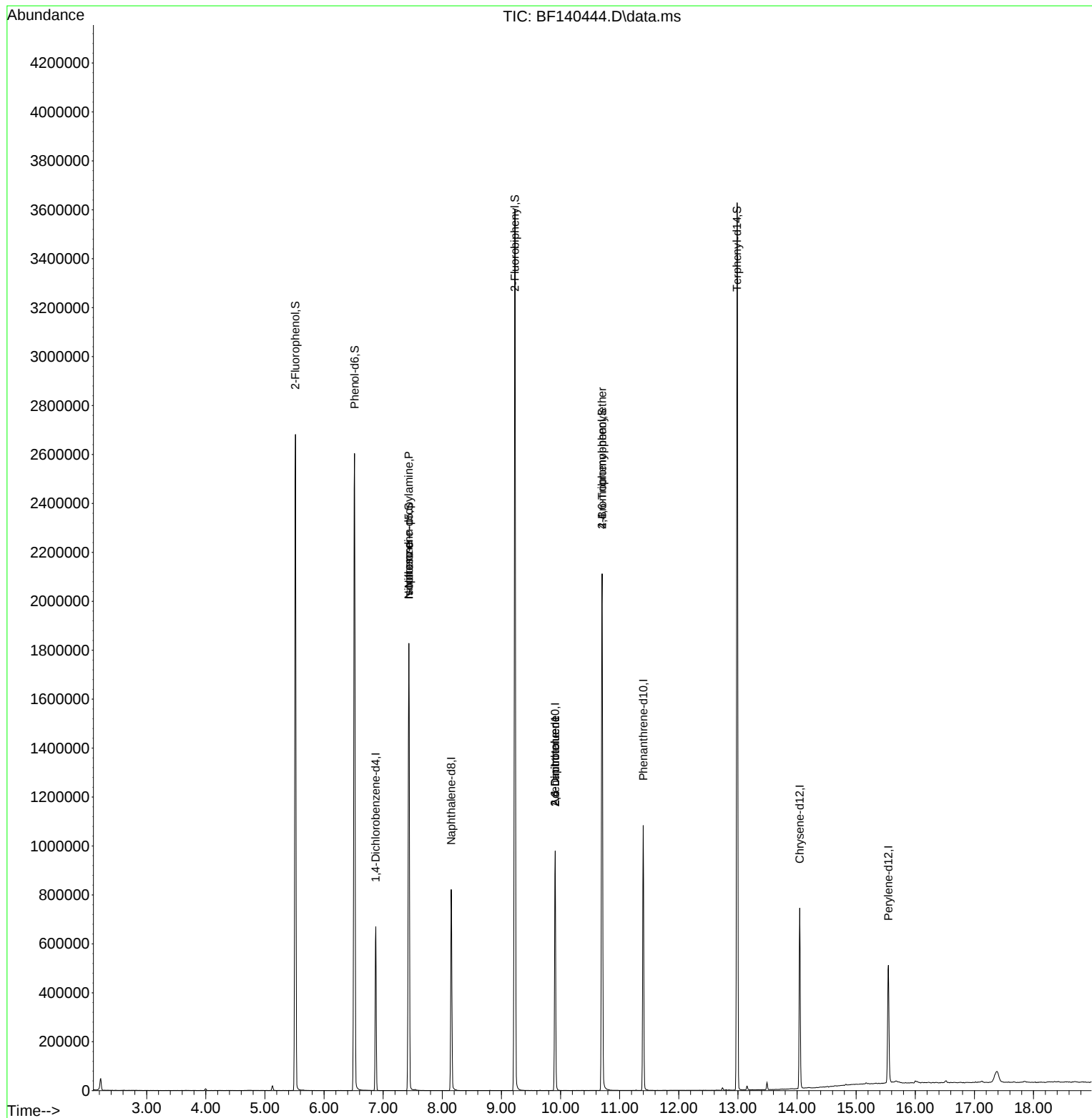
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142751	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	545917	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	305122	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	581224	20.000	ng	0.00
76) Chrysene-d12	14.045	240	355427	20.000	ng	0.00
86) Perylene-d12	15.545	264	295657	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1035618	123.866	ng	0.02
7) Phenol-d6	6.516	99	1358724	119.949	ng	0.01
23) Nitrobenzene-d5	7.434	82	893759	85.301	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	382445	126.045	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1679654	88.493	ng	0.00
79) Terphenyl-d14	12.986	244	1809956	88.392	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	121426	17.749	ng	# 77
25) Isophorone	7.434	82	888177	47.830	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	39415	8.693	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	39415	6.605	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	24500	4.217	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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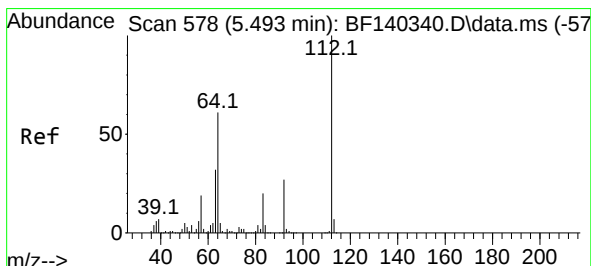
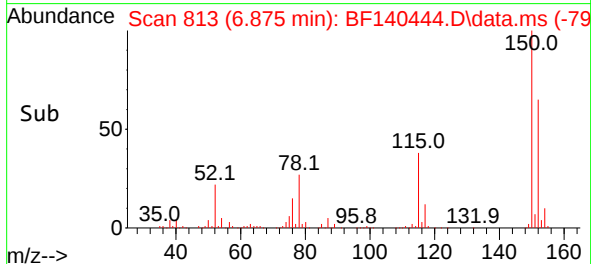
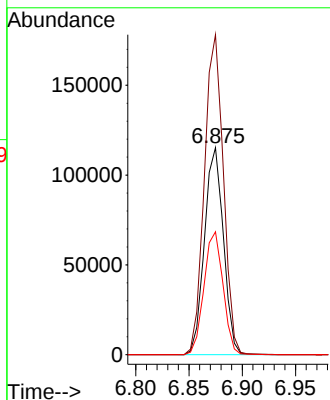
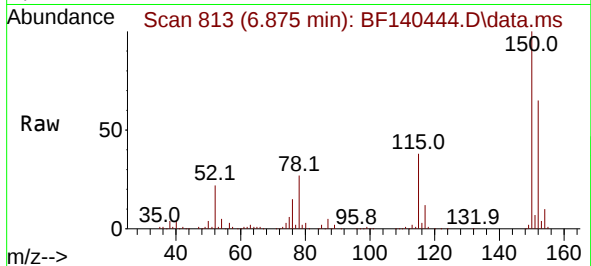




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

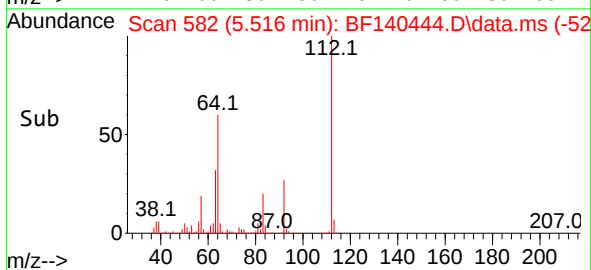
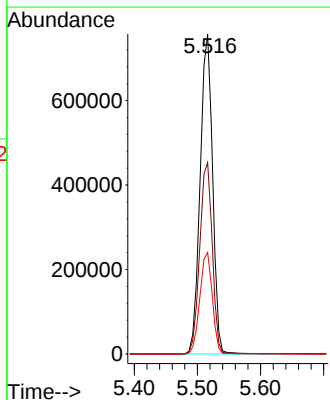
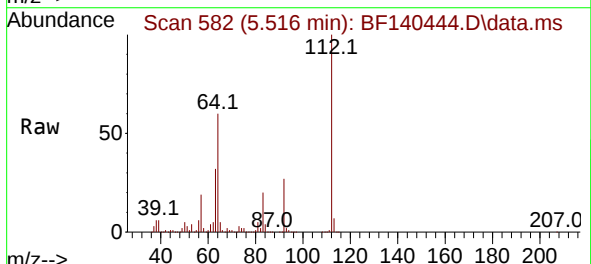
Instrument :
BNA_F
ClientSampleId :
PB165029BL

Tgt Ion:152 Resp: 142751
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 59.3 47.4 71.2



#5
2-Fluorophenol
Concen: 123.866 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion:112 Resp: 1035618
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.7 25.6 38.4

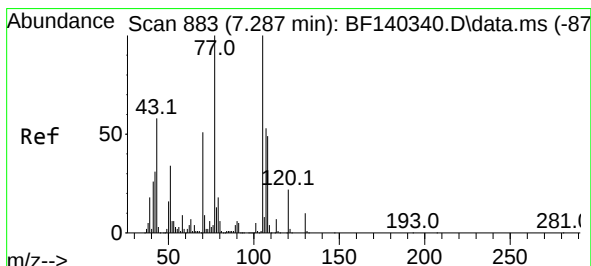
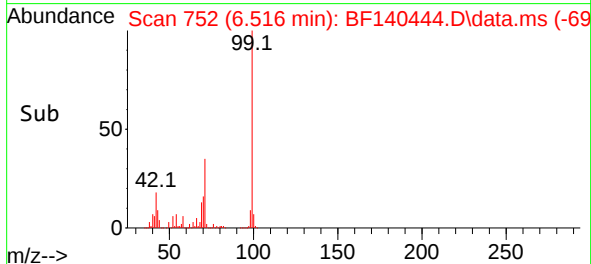
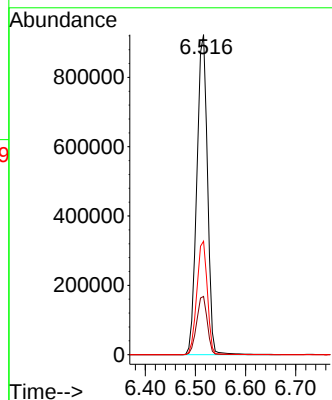
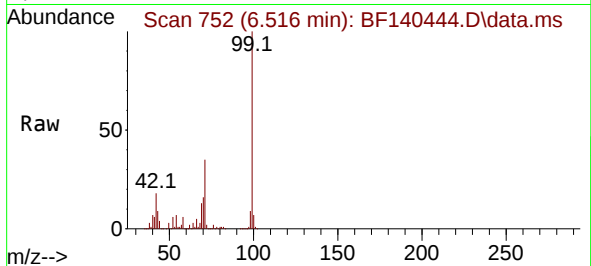




#7
Phenol-d6
Concen: 119.949 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

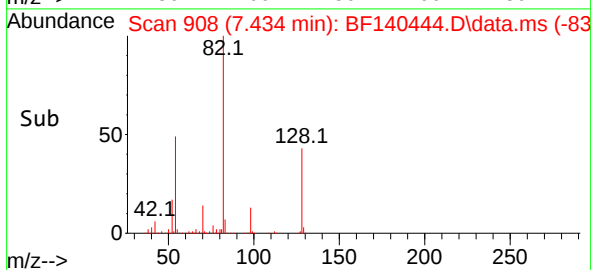
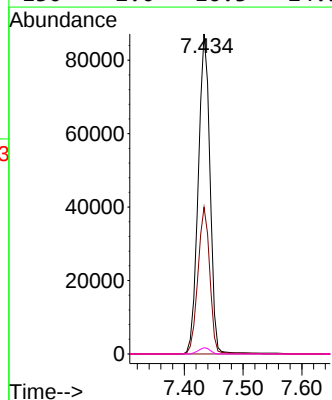
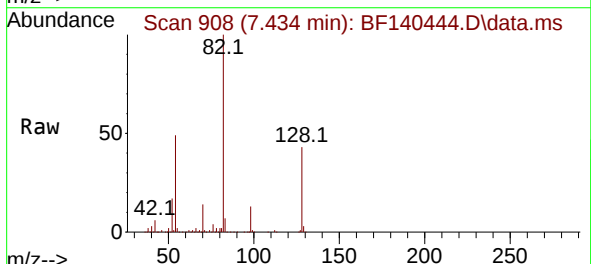
Instrument :
BNA_F
ClientSampleId :
PB165029BL

Tgt Ion: 99 Resp: 1358724
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.5 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.749 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion: 70 Resp: 121426
Ion Ratio Lower Upper
70 100
42 45.9 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

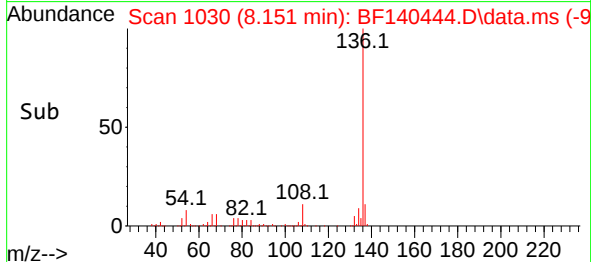
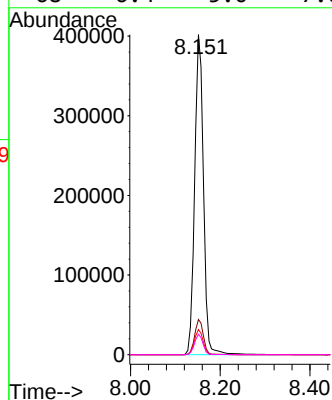
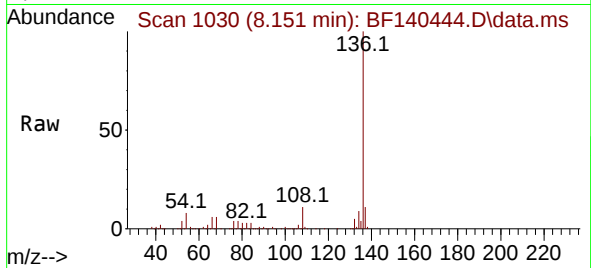




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

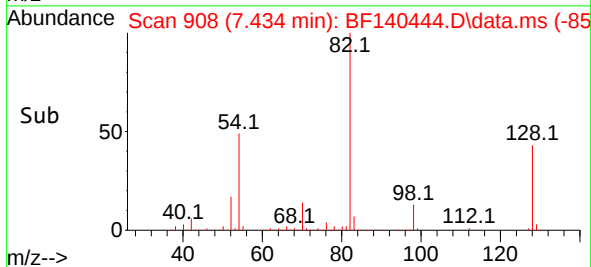
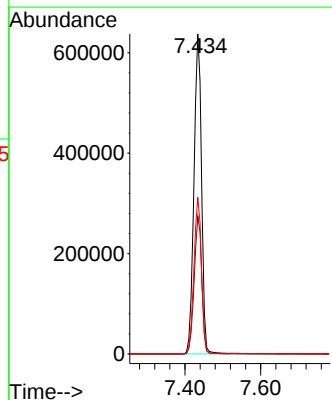
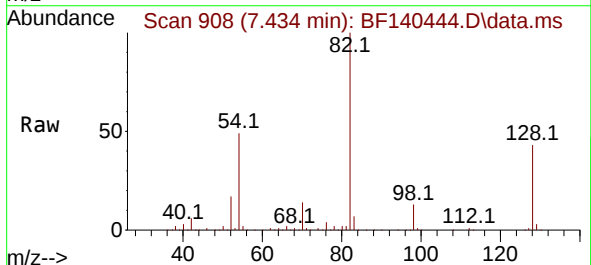
Instrument :
BNA_F
ClientSampleId :
PB165029BL

Tgt Ion:136 Resp: 545917
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.5 9.7
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 85.301 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion: 82 Resp: 893759
Ion Ratio Lower Upper
82 100
128 42.9 33.3 49.9
54 48.9 39.8 59.8

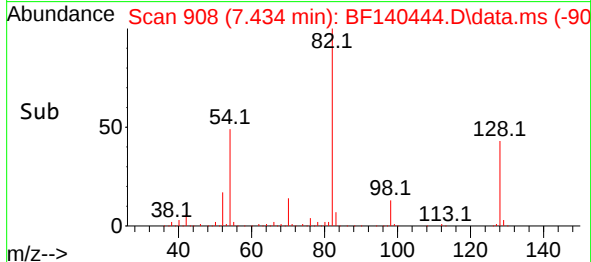
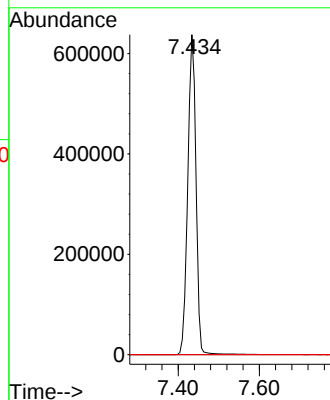
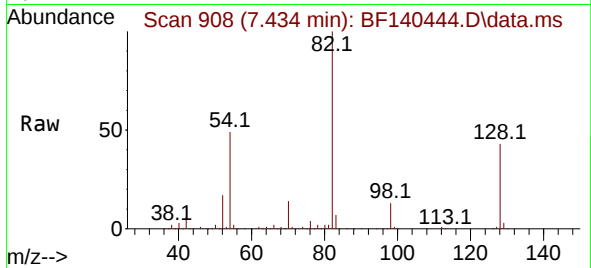




#25
Isophorone
Concen: 47.830 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

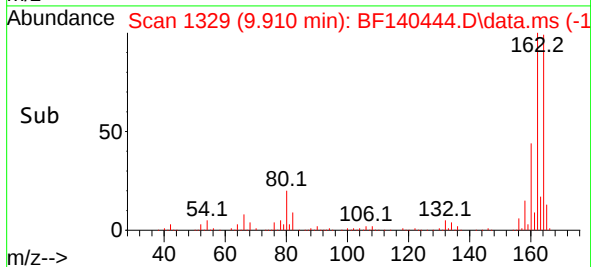
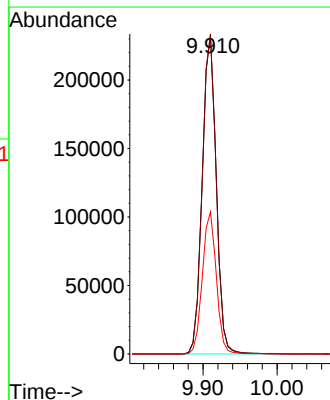
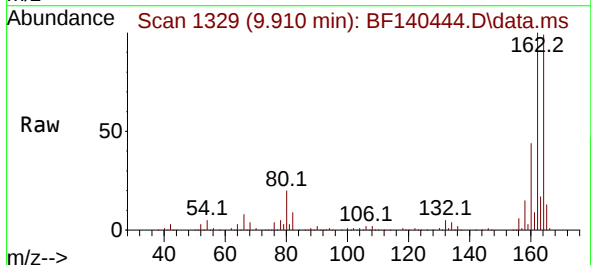
Instrument :
BNA_F
ClientSampleId :
PB165029BL

Tgt Ion: 82 Resp: 888177
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion:164 Resp: 305122
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 126.045 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140444.D

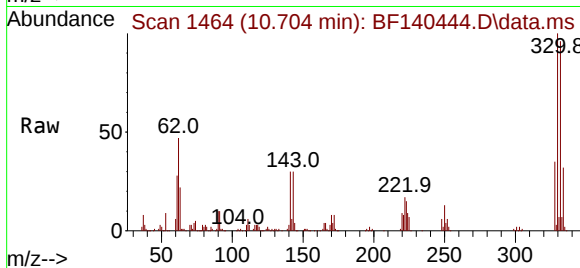
Acq: 18 Nov 2024 10:39

Instrument :

BNA_F

ClientSampleId :

PB165029BL



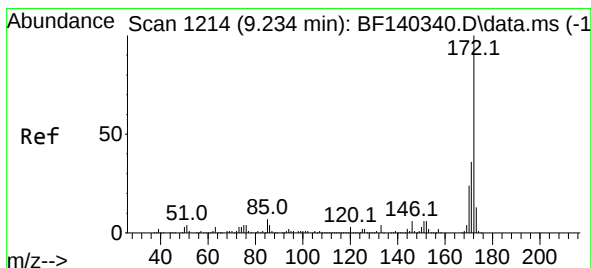
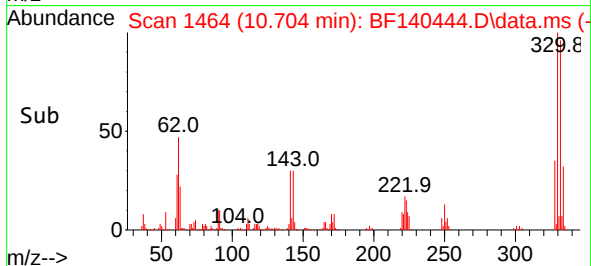
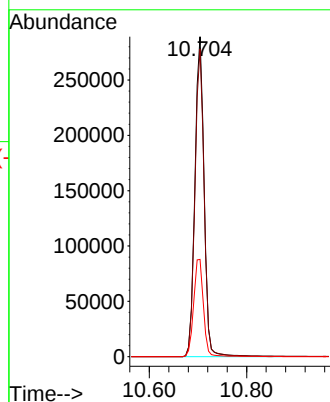
Tgt Ion:330 Resp: 382445

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 32.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 88.493 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

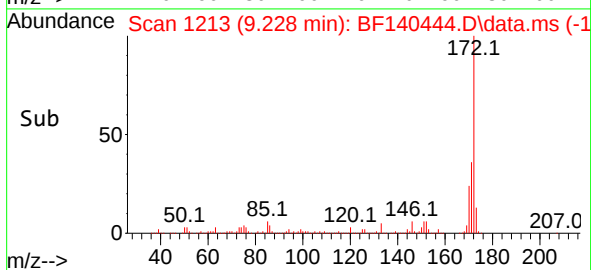
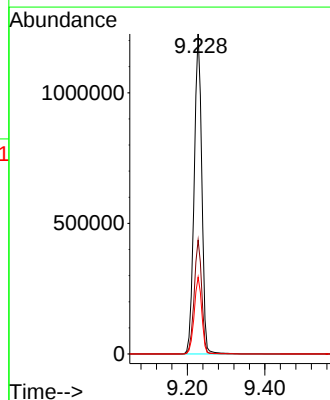
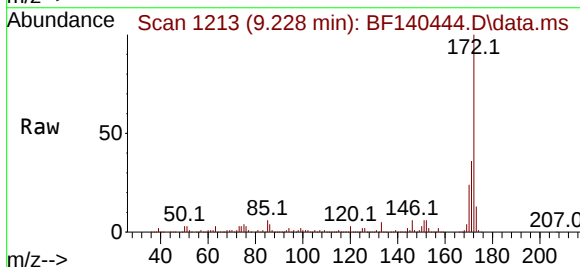
Tgt Ion:172 Resp: 1679654

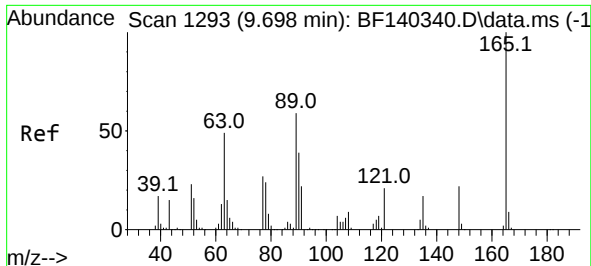
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.0 19.1 28.7

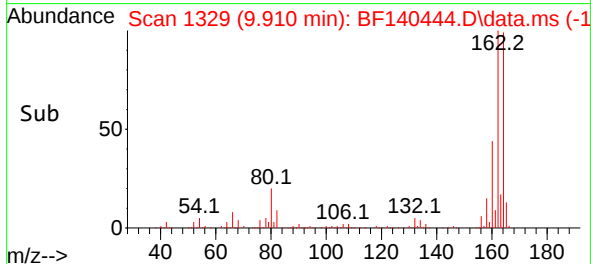
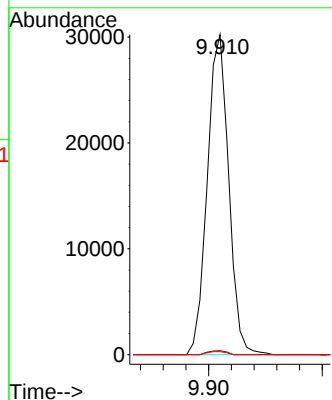
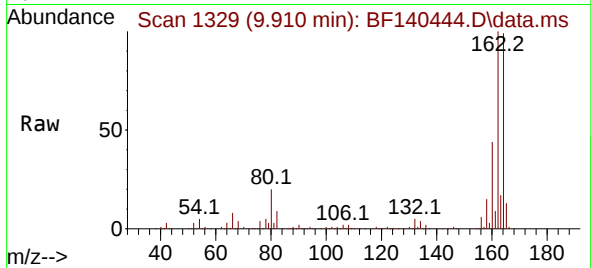




#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

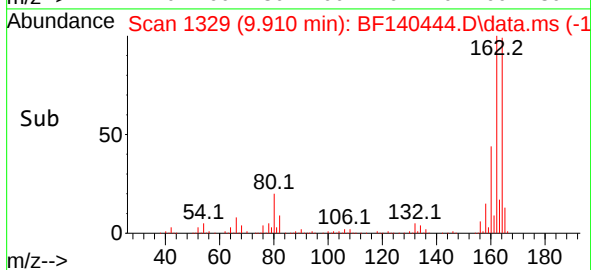
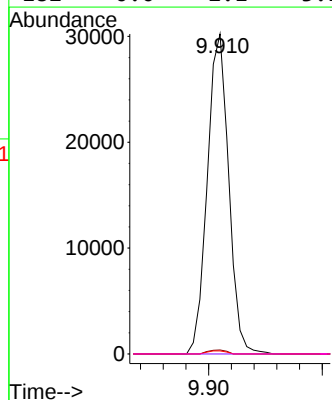
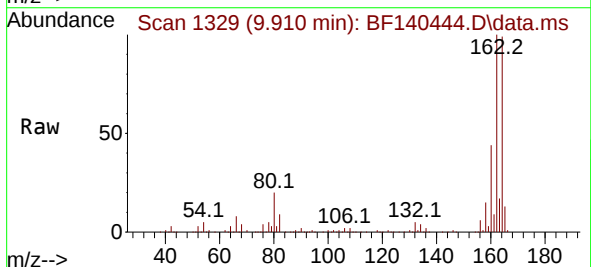
Instrument :
BNA_F
ClientSampleId :
PB165029BL

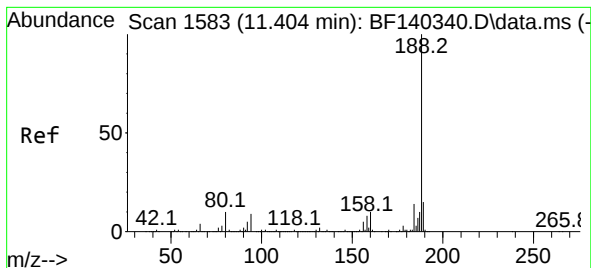
Tgt Ion:165 Resp: 39415
Ion Ratio Lower Upper
165 100
63 1.2 47.6 71.4#
89 1.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.605 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Tgt Ion:165 Resp: 39415
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.0#
89 1.0 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

Instrument :

BNA_F

ClientSampleId :

PB165029BL

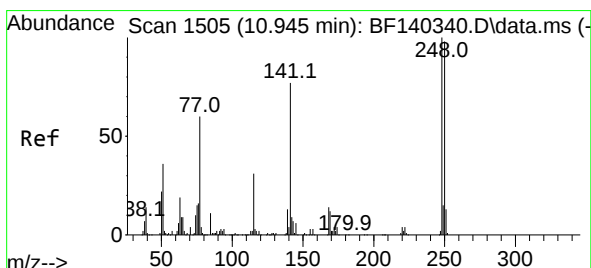
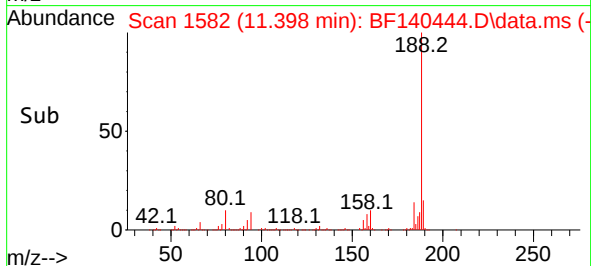
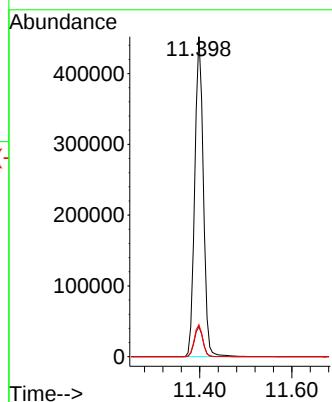
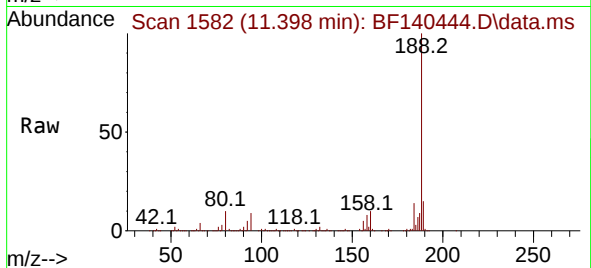
Tgt Ion:188 Resp: 581224

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.0 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.217 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

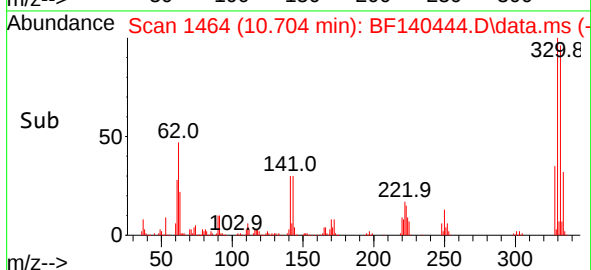
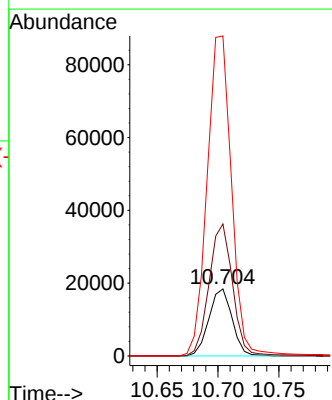
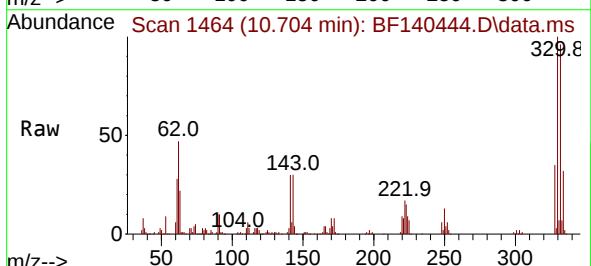
Tgt Ion:248 Resp: 24500

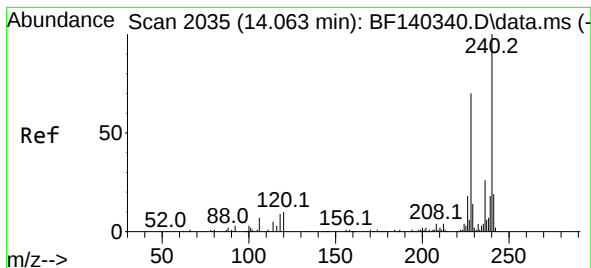
Ion Ratio Lower Upper

248 100

250 196.9 77.9 116.9#

141 477.4 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

Instrument :

BNA_F

ClientSampleId :

PB165029BL

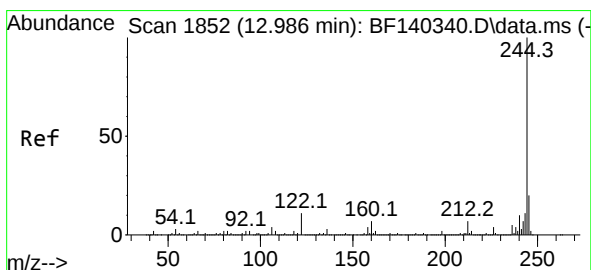
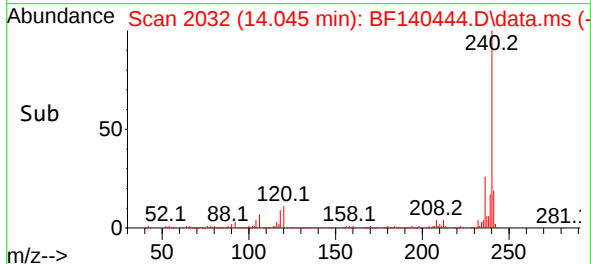
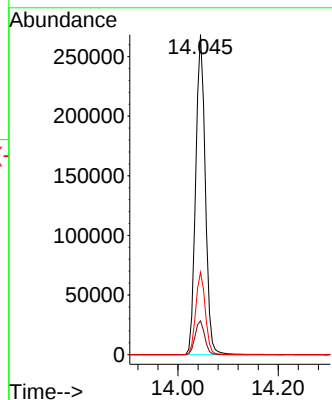
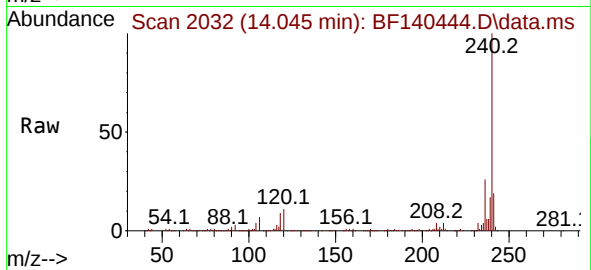
Tgt Ion:240 Resp: 355427

Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 88.392 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140444.D

Acq: 18 Nov 2024 10:39

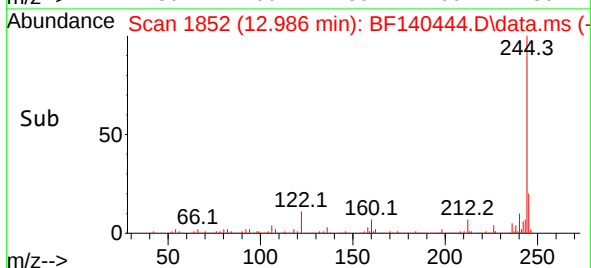
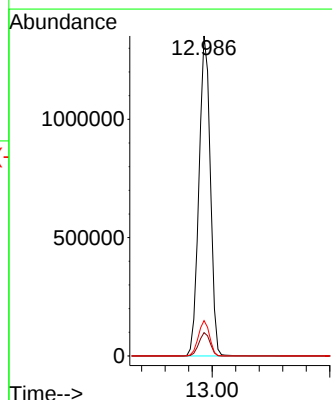
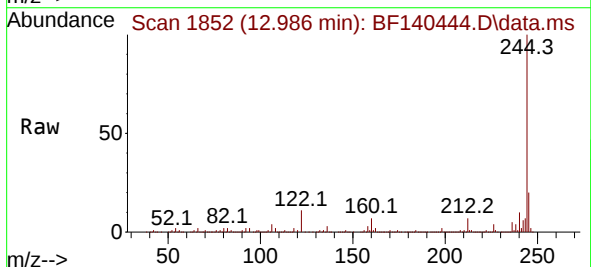
Tgt Ion:244 Resp: 1809956

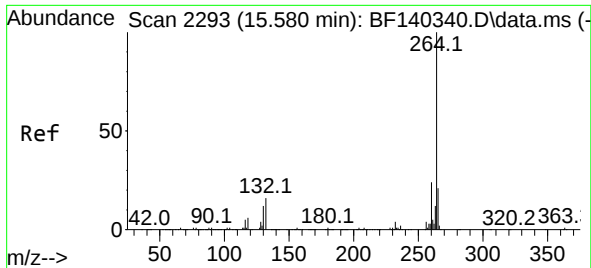
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140444.D
Acq: 18 Nov 2024 10:39

Instrument :
BNA_F
ClientSampleId :
PB165029BL

Tgt Ion:264 Resp: 295657

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.1	25.7

